



What are powerful tracing methodologies?

Insights from the regional perspective and the ATAST tracing software

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Background

Cooperation between North Rhine-Westphalia (LANUV) and BfR on food tracing issues

- visiting local inspectors + companies → insights in needs for efficient tracing

In general:

- Software tools needed to increase data quality and speed of data collection
- Make data collection easier for local inspectors and companies
- Make data analysis easier + automated reporting



What are powerful tracing system for local and regional authorities?

Powerful incident management

- Intuitive, easy to use software tool
- Monitoring active incidents + investigation orders
- Creating new incident investigations
- Central and quick access to all incident-related data
- Easy access to archived investigations
- History

Dashboard (Fälle)

36 Aktive Fälle	556 Aktive Aufträge	Aktive Fälle	Termine für Datenübermittlung																																																	
		<table><thead><tr><th>Fallbezeichnung</th><th>bearbeitet am</th><th>Aufträge (Anzahl)</th></tr></thead><tbody><tr><td>Blei in Pizza</td><td>05.05.2023</td><td>1</td></tr><tr><td>Test Futtermittel</td><td>25.01.2023</td><td>1</td></tr><tr><td>Stefan</td><td>29.11.2022</td><td>4</td></tr><tr><td>testMG</td><td>22.11.2022</td><td>1</td></tr><tr><td>PCB in Futtermittel</td><td>19.07.2022</td><td>8</td></tr><tr><td>Futtermittel</td><td>05.07.2022</td><td>1</td></tr><tr><td>Test im Mai</td><td>02.05.2022</td><td>1</td></tr><tr><td>Testfall 2022</td><td>24.03.2022</td><td>2</td></tr><tr><td>Test Verbraucher</td><td>15.03.2022</td><td>3</td></tr></tbody></table>	Fallbezeichnung	bearbeitet am	Aufträge (Anzahl)	Blei in Pizza	05.05.2023	1	Test Futtermittel	25.01.2023	1	Stefan	29.11.2022	4	testMG	22.11.2022	1	PCB in Futtermittel	19.07.2022	8	Futtermittel	05.07.2022	1	Test im Mai	02.05.2022	1	Testfall 2022	24.03.2022	2	Test Verbraucher	15.03.2022	3	<p>Auftrag: Auftrag_Test Datenübermittlung bis: 09.11.2021</p> <p>Auftrag: Rössmann KG Datenübermittlung bis: 23.11.2021</p> <p>Auftrag: Erkrankung nach Verzehr von Schinken... Datenübermittlung bis: 30.11.2021</p> <p>Auftrag: Erkrankung nach Verzehr bei Pizza D... Datenübermittlung bis: 30.11.2021</p>																			
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			<p>Montag, Sep 18</p> <table><thead><tr><th>Mo</th><th>Di</th><th>Mi</th><th>Do</th><th>Fr</th><th>Sa</th><th>So</th></tr></thead><tbody><tr><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr><tr><td>27</td><td>28</td><td>29</td><td>30</td><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr><tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr><tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>1</td></tr></tbody></table>	Mo	Di	Mi	Do	Fr	Sa	So	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1
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Management-Tool

Liste der aktuellen Fälle

#	Auswahl	Titel	Fall vom	Status	Anzahl der Aufträge
1	<input checked="" type="radio"/>	Fipronil in Eiern 2018	07.08.2020	In Bearbeitung	4
2	<input type="radio"/>	SchniPoSa	25.06.2020	In Bearbeitung	1
3	<input type="radio"/>	Maultaschen	22.06.2020	In Bearbeitung	3
4	<input type="radio"/>	Workflow2	19.06.2020	In Bearbeitung	2
5	<input type="radio"/>	Workflow	19.06.2020	In Bearbeitung	1
6	<input type="radio"/>	EU-weiter Listerioseausbruch	06.06.2020	In Bearbeitung	3
7	<input type="radio"/>	Fipronil 2020	19.05.2020	In Bearbeitung	2
8	<input type="radio"/>	Fake News	12.05.2020	In Bearbeitung	2
9	<input type="radio"/>	Diarrhoe deluze	04.05.2020	In Bearbeitung	1
10	<input type="radio"/>	Norovirusausbruch Baden-Württemberg	26.03.2020	In Bearbeitung	22
11	<input type="radio"/>	Montezumas Rache	20.02.2020	In Bearbeitung	1
12	<input type="radio"/>	Pizzeria Piratennest ausräuchern	14.01.2020	In Bearbeitung	1
13	<input type="radio"/>	Fluch der Karibik	03.01.2020	In Bearbeitung	3

Details zum Fall 'Fipronil in Eiern 2018'

Fall-Titel: Fipronil in Eiern 2018
Fall-ID: NRW-2020-20
Erstellt am: 07.08.2020
Status: In Bearbeitung
Anzahl der Aufträge: 4

Beteiligte Staaten: DE, Deutschland, NL

Datentransfer an BfR: Nein
Anlagen: 0
Historie: 0

Aufträge Bearbeiten Details Dokumente Historie

Report (PDF) Fall deaktivieren

What are powerful tracing system for local and regional authorities?

Powerful data collection

- Intuitive, easy to use software tool; web-based
 - Accessibility for several actors
 - Structured and guided data collection
 - Plausibility checks, preferably on site
 - Interfaces to registers and catalogs with curated data
 - Scalability: Single food items <=> Mass data collection option for company data
- Improved data quality and speed of data acquisition

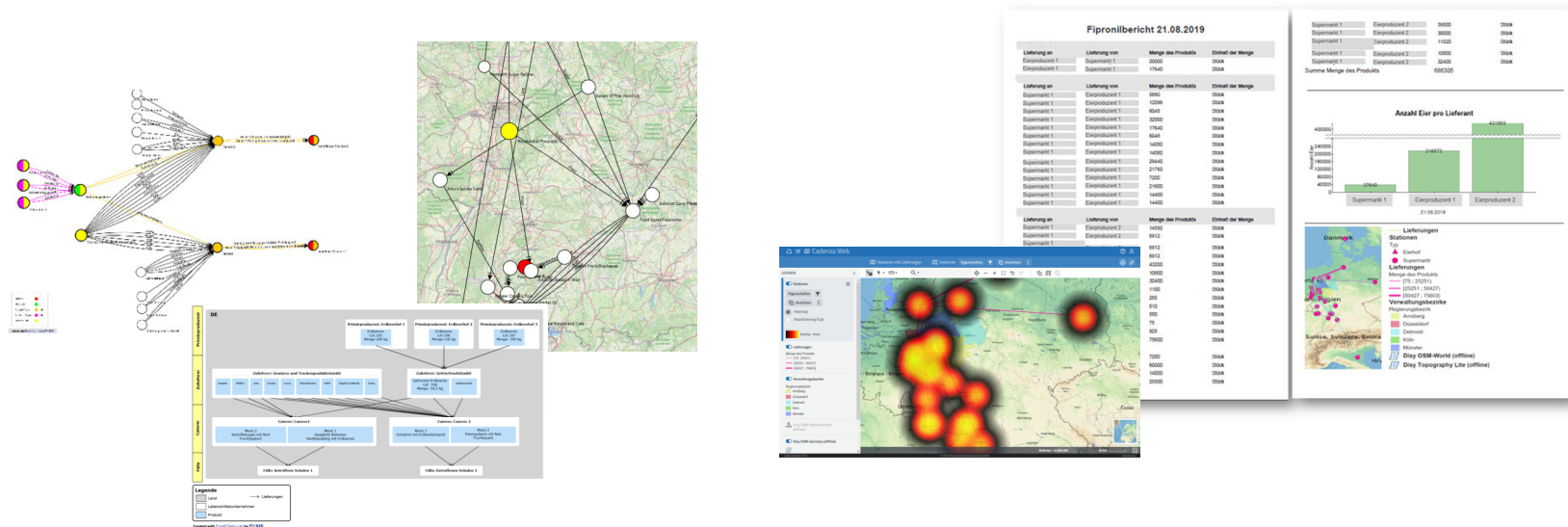
The screenshot shows a web-based data collection form with tabs for 'outgoing goods', 'goods production', and 'incoming goods'. The 'Product detail' tab is active. The form includes fields for Recipient, Product name (Mehl), Trade name (Vollkornmehl), Article number (47200), EAN code, Lot (ZM170922), and Comment. It also features a 'Current dataset' section with 'Commodity relations' and 'Product amount' (10000), and a 'Trading unit name' section with 'Trading unit name' (null) and 'Trading unit name (ID: null)'. A 'BBD' field is also present.

The screenshot shows a web-based data collection form for a specific product, 'Fall: 2018-4 - Salmonella in Feinmehl'. The form includes fields for Status (In Bearbeitung), Auftragsnummer (2018-1211), Erfasser (M. Meier), and Erfassungsort (Stadt Gelenkirchen, Referat Veterinär- und Lebensmittelüberwachung). It also features a 'Warenwegung' section with 'Warenwegung' and 'Produktion' tabs, and a 'Beziehungen für Warenwegung: FinCafe' section. The 'Beziehungen für Warenwegung: FinCafe' section includes a table with columns for 'Produktion' and 'Produktbeziehung'.

What are powerful tracing system for local and regional authorities?

Powerful analyses and reporting

- Connection to powerful analysis and reporting software
 - Automated reporting: predefined tables, figures + text modules; customizable/flexible
- Faster analysis of crisis and simplified reporting



What are powerful tracing system for local and regional authorities?

Powerful data exchange

- Fast data exchange/communication between local/central; (national/international)
- Interoperability
 - Interfaces with other systems (e.g. industry databases + RASFF)
 - Data format can be translated to other compatible data formats (ATAST <> UTX)

Other

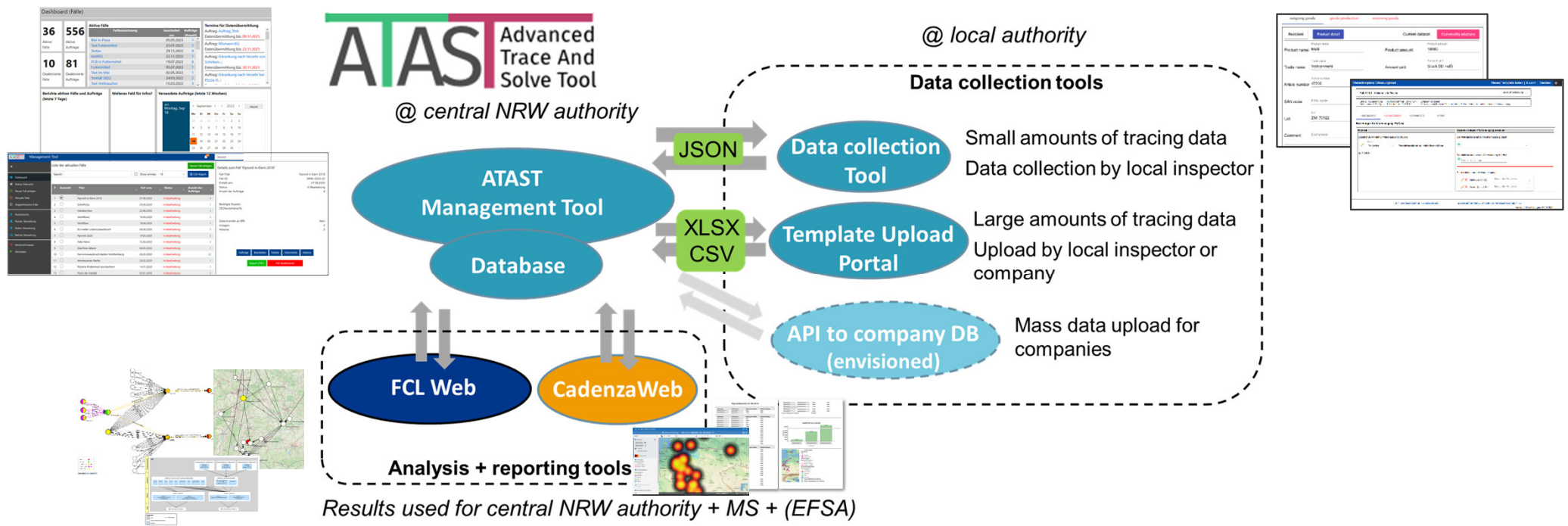
- Scalability (from single incidents to routine)
- From local to national/international use



Conclusion

Foodborne crises are solved faster and more reliably with powerful tracing tools

- From vision to reality -





Thank you for your attention!

ATAST team

Christian Egon Gerlach
Stefan Hoven
Tobias Zenkner

ATAST Advanced
Trace And
Solve Tool